

October 14, 1953

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Dear Clive:

Just received "Weatherburn"--- Thanks very much. I'm sorry to have torn you away from it, but you probably could find another (as I've not been able to do). May I return your generosity by asking another favor or two: Bruce will probably dun you for 30/- in payment for a set of the Rome abstracts. If this does not exhaust our credit with you, could you transfer any balance by asking Lewis' to set up an account for me? I will remit any further (reasonable) amount needed. I would be happy to receive any advertising or circular lists they put out. One item I would like fairly soon is Albert's Selective Toxicity, but if this is any trouble, I will place the order directly.

Have you received a copy of Boole's Laws of Thought that I mailed some while ago? Esther and I hope you will enjoy this as a souvenir from us. By separate mail, I am also sending a clipping from the N.Y. Times that you may, in a way, enjoy.

Have you had any opportunity to continue any genetic experiments? How is your selection for O working out? I had a note from Lou Baron (in Landy's lab) that they could select  $10^4/10^{10}$  Vi+/Vi- S. typhi by selective agglutination with Vi-antiserum + extracted Vi-substance as a carrier. His remarks were (as usual) rather fuzzy, but he may have intimated that untreated H-901 will engender Vi+ under these conditions, and they are now faced with the problem of finding a strictly irreversible Vi- S. typhi.

Aleck Bernstein is working away very industriously and fruitfully. He has confirmed Sertif's story of the differential agglutination of ph2 flagella by acriflavine, and we are now trying to see how this can be worked up on a sounder physico-chemical basis. C. Weibull from Uppsala visited us briefly a few weeks ago; unfortunately he had moved on from his former studies on flagellar chemistry, but we did get some leads from him. There is not much else to report: I have been trying to force myself to do cytology on E. coli crossing, but it is a miserable business.

(and relatives)

In the older catalogs of the NCTC, there are some O forms listed that I would like to be able to add to our present collection for future study. The cultures I would be interested in are recorded as 3216, 3216A; 3045, 3046 and 3048. Do you know of any other Group D non-motiles? I gather there has not been a comprehensive listing of the NCTC for well over a decade!

While cleaning up, I found some older cultures, residues of your visit, on which I have no records at all. Do you remember anything of the following numbers:

14/45 paratyphi C nm; AC-2, AT-8, AT-14. [The last three are listed as auxotrophic, but their antecedents are not clear, unless they are derived from 14/45.]

Under separate cover, I am also sending a couple of sheets on the "silica-gel" preservation. We have done nothing at all further with it, though I think the principle has definite promise. Would it be worthwhile to try to interest Dr. Cowan in it?

Could you pass on to Andy my acknowledgment, with thanks, of safe receipt of a parcel of typhi phages, arrived day before yesterday?

Helen Byers returned to Madison feeling not very happy about having visited Colindale, as she felt as if she had picked up a Salmonella infection somewhere. But this turned out to be Endameeba + Giardia, which kept her in the infirmary over a fortnight. She seems well out of it now (except for some residual jaundice from the atebaine plus million other things they gave her). All of us are enjoying the pleasant fall weather which precedes our first blizzards, as you remember.

Esther and I are well settled now in a new house (rented), not far from where James Crow lives, in a somewhat rural atmosphere. This has allowed an increase in our family by way of two black cats who spend most of their time wrestling on the lawn or under the apple trees. As they are brother and sister, we expect some modification of these pursuits as they get older.

The summer we misguidedly spent in a rather hasty trip to San Francisco, partly to attend the meeting of the Society of American Bacteriologists [as they offered to pay our way]. Six weeks later, I've hardly gotten over it yet, though I have the excuses too of moving house and setting up the course again. There was a flood of students this year (about 35 to start), and I have not been able to make as large a dent in the enrollment as I would like, in spite of Luria and Delbruck. This has meant a rather more formal course than I like to give.

Sincerely,

Joshua Lederberg